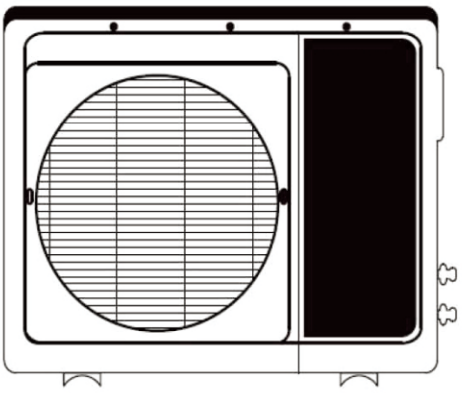
USER'S MANUAL

LLOYD

LIVE THE FUTURE

SPLIT-TYPE AIR CONDITIONER



LLOYD ELECTRIC & ENGINEERING LTD.

To avail 03 Free preventive maintenance services within 1 year of Warranty
Please call us at our Toll Free No.

Gujarat , Madhya Pradesh: 1800-2582-583 | Punjab,Haryana,Himachal Pradesh, J&K: 1800-1377-781 | Maharashtra,Chattisgarh,Goa:1800-1024-212 | South India:1800-1200-666 | Rest of India:1800-1020-666

Dear Customer

Congratulations on being the proud owner of Lloyd Air Conditioner. Your Air Conditioner comes with Lloyd Guarantee of Quality.

Lloyd takes great pride in providing its customers with perfect products that adheres to international quality standards.

Lloyd is committed to international quality standards.

Lloyd is committed to provide the ultimate customer satisfaction as nothing brings us greater joy than having satisfied customers of Lloyd.

At Lloyd, feedback and suggestions based on your product usage experience are greatly appreciated.

Please feel free to contact us at
perfectservice@lloydmail.com

NIPUN SINGHAL
DIRECTOR

SPLIT WALL MOUNTED TYPE
AIR CONDITIONERS OWNER'S MANUAL

Thank you for choosing our Air Conditioner. Please read this OWNER'S MANUAL carefully prior to use and keep it for further reference.

This owner's manual is applicable to those split wall mounted models whose cooling capacity is between 1500W(5000BTU/h) and 10000W (36000BTU/h).

CONTENTS

- Contents ---------- 1
- Safety Precaution ---------- 2
- Name of Parts ---------- 4
- Service and Maintenance ---------- 7
- Trouble Shooting ---------- 8
- Performance Parameters ---------- 10

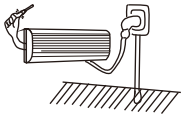
Read and understand thoroughly this safety awareness before use.

The items indicated here are very important safety precautions, which must be followed.
The following pictures are presented just for the purpose of illustration. As for some models whose cooling capacity is above 4600W(17000BTU/h), their power cables do not have a plug, a circuit breaker must be built in supply circuit. So please refer to relevant construction of your appliance (plug or circuit breaker).

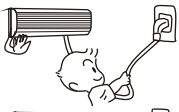
Absolutely not

Must be done

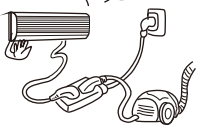
⚠ WARNING



The air conditioner must be grounded. Incomplete grounding may result in electric shocks.

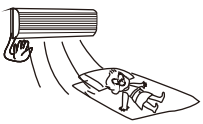


Do not pull the power cable during operation. It can cause fire. To pull out the plug, please turn off the unit and hold the plug to pull it out.

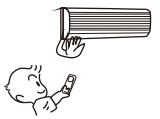


Do not attempt to extend the power cord by joining it to another cord, or by using an extension cord. Do not put any other loads on the power supply socket.

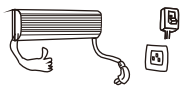
Do not damage the power cord, or do joint work. Piling up heavy objects on the power cable, approaching high temperature supply objects, or doing joint work will cause electric shock and fire.



Do not expose your body directly to the cool (or hot) air for prolonged period; do not cool (or heat) the room too much. This could effect your physical condition and cause health problems.

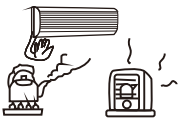


This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised that they do not play with the appliance.



Pull out the power plug or turn off the power supply when not using the air conditioner for a long time. (Accumulated dirt might cause fire.)

An earth leakage breaker with rated capacity must be installed to avoid possible electric shocks.



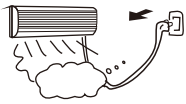
Do not put burning appliances at places exposed to the airflow, it may cause incomplete combustion.

SAFETY PRECAUTION

⚠ WARNING

Do not use these stuffs for cleaning:
chemical solvent, insecticide, inflammable spraying materials which will damage the appearance of air conditioner. Do not sprinkle water directly on the indoor unit.

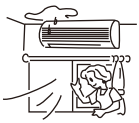
Close doors and windows (preferably use a curtain) while operating air conditioner for a long time, if room air is quite turbid, you could open the door and window for a moment to get some fresh air outside.



If anything abnormal such as a burning smell occurs, stop the operation immediately and turn the breaker off.

Do not install the air conditioner at places where flammable gas may leak. If there is electrical leakage accidentally from air conditioner, it is easy to cause fire or explosion.

Do not apply the unit for special purposes. Do not use to store precision equipment, food, painting etc, which require certain humidity and temperature, for their quality may be affected.



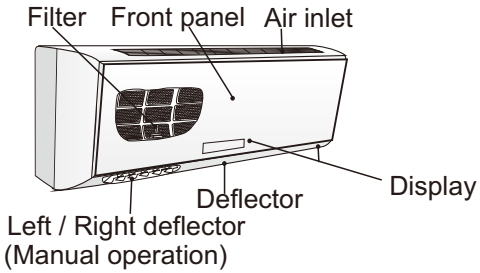
Do not open windows and doors while operating the air conditioner at COOL/DRY mode for a long time under high humidity condition (above 80%). Otherwise, condensed water may drip from the unit.

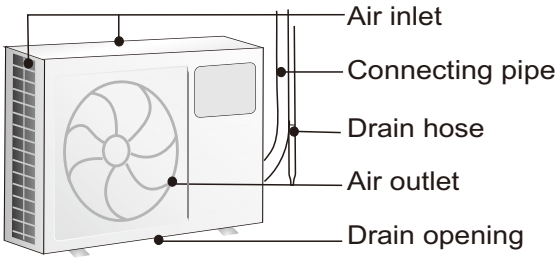
Do not insert a finger, a rod or any other objects into the air outlet/inlet grille. As the fan is running at a high speed, it will cause injury.

This product must not be disposed together with the domestic waste. This product has to be disposed at an authorized place for recycling of electrical and electronic appliances.

The appliance shall be installed in accordance with national wiring regulations.
The appliance must not be installed in the laundry.
The appliance must be installed 2.5m above the floor.
The appliance must be positioned so that the plug is accessible.
For some models whose cooling capacity are above 4600W (17000BTU/h),
an all-pole disconnection device which has at least 3mm separation distance in all pole and a residual current device(RCD)with the rating of above 10mA shall be incorporated in the fixed wiring according to the national rule.

1.OUTDOOR UNIT AND INDOOR UNIT





NOTICE

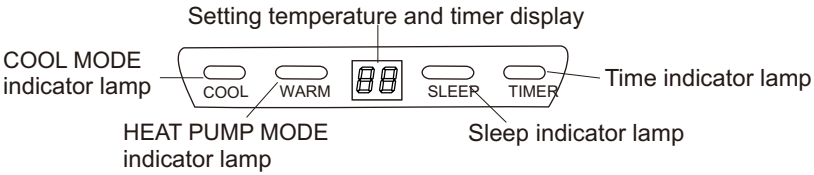
Appearance of the indoor unit and outdoor unit may differ with some models.

2.DISPLAY MODELS

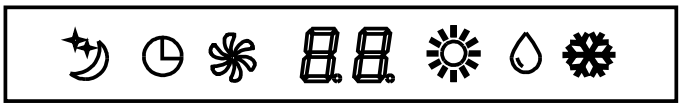
This illustration generalizes all the displays for the models included in this manual book. Please take real objects as reference while using.

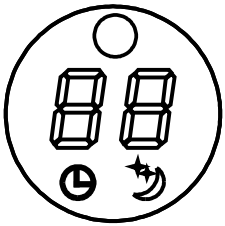
(1): INDICATOR LAMPS

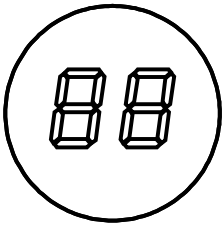
(2): 88ICON+INDICATOR LAMP

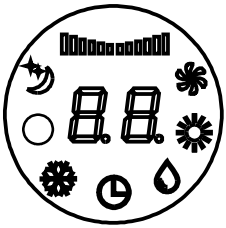


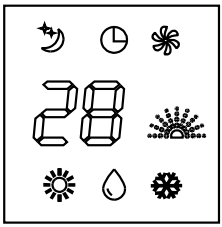
(3): LED INDICATOR

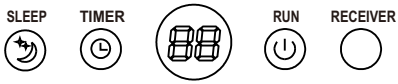


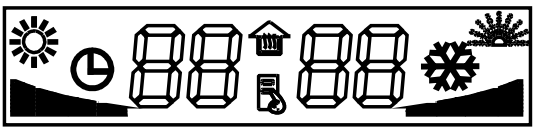


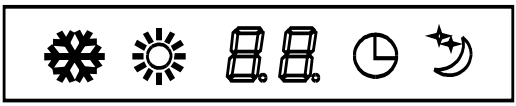












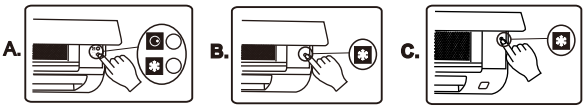
Icon illustrations:

SLEEP MODE	SETTING TEMP or INDOOR TEMP DISPLAY or TIMER DISPLAY	
COOL MODE	DRY MODE	ELECTRIC-HEAT MODE
FAN MODE	INDOOR TEMPERATURE	SETTING TEMPERATURE
AUTO MODE	REMOTE SIGNAL RECEIVER	HEAT PUMP MODE
RUN INDICATOR LAMP	SET TIMER MODE	LIGHT-WAVE MODE
HIGH FAN SPEED	MIDDLE FAN SPEED	LOW FAN SPEED

Continuing research results in steady improvement. Therefore, This information and these specifications are subject to change without notice.

3.EMERGENCY OPERATION SWITCH

In case the batteries in the remote controller are wore out, or remote controller is at fault, use Emergency operation switch ( ).



Check switch
(Please leave this button to be used by the maintenance staff)

Emergency Operation switch

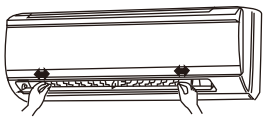
- Cooling only type
  Every time the switch is pressed, it changes in sequence of COOL STOP.
- Heat pump type
  Every time the switch is pressed, it changes in sequence of COOL HEAT STOP.

The following table shows the condition of set temperature, fan speed and deflector during emergency operation.

Mode	Set temperature	Fan speed	Deflector
Cooling	24˚C	High	Swing
Heating	24˚C	High	Swing

4.HORIZONTAL LOUVER BLADE

Hold the knob and move the deflector to change right/left airflow direction. Be careful not to adjust the deflector during operation as the fan is rotating at a high speed and may pinch your fingers.

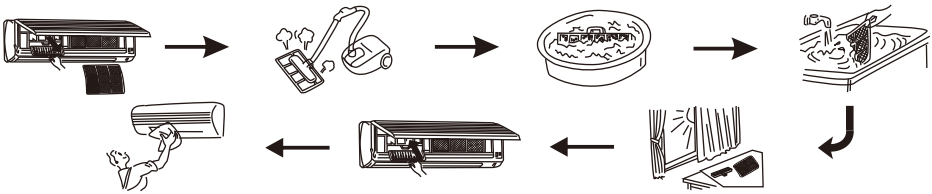


SERVICE AND MAINTENANCE

Clean the front grille and air filters at least once in every two weeks.
Before cleaning, be sure to stop the operation and turn off the breaker.

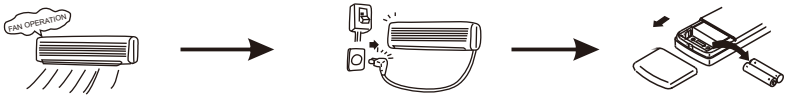
● Clean the front grille and air filters

1. Open the front grille by pulling the tabs on both sides and lift it up until it stops with a click. Pull out the air filters.
2. Remove all dust on the front grille and wash air filters with a vacuum cleaner or brush. (If the dust does not come off easily, wash the air filters with gentle detergent dissolved in warm water below 45 .)
3. Wash them in clean water and dry them in the shade.
4. Insert the front grille and air filters at their original position and close the front grille.
5. Wipe the surface of the unit with moist cloth and then wipe it again with dry cloth. (Do not use benzene, solvent or other chemical products.)



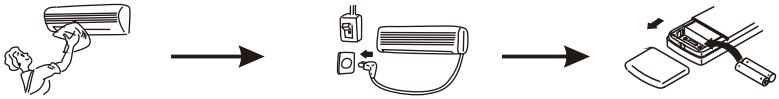
● If you will not be using the air conditioner for a long idle period

1. Set the fan going for a few hours to dry out the inside thoroughly. (Choose COOL mode or HEAT mode and select the highest set temperature, then the fan rotates.)
2. Switch the air conditioner off and unplug it from the wall socket. Clean the filters and outer surface.
3. Take out the batteries from the remote controller.



● If you have not used the air conditioner for a long period

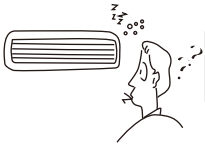
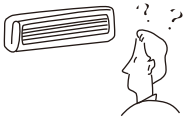
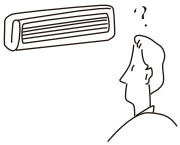
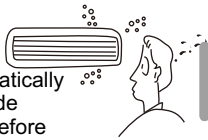
1.Clean filters and replace them to the original position. Clean the indoor and outdoor units with a piece of soft cloth.
2. Insert the power plug and make sure the earth wire not be loose.
3. Put the batteries into the remote controller.



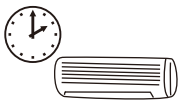
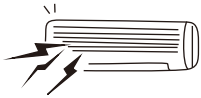
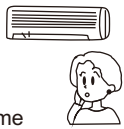
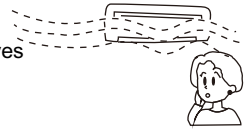
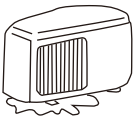
NOTICE

Air inlets and outlets shall not be covered/blocked.
For cleaning, do not use gasoline, benzene, thinner, grinding powder, detergent insecticide etc as they can damage the units.
Don't tear the batteries apart or throw them into fire, which will lead to explosion.

The following cases are not troubles that will obstruct you in using please follow the fault analysis and continue using.

Is there a fault?		Fault analysis!
Air conditioner does not operate.		■ Is it a power failure? Has the power plug fallen off? Has the circuit breaker or fuse shut off ■ Are there any obstacles or disturbance supply oscillators in the room to disturb the signal from remote controller?
Remote controller is not available and does not display.		■ Check whether the batteries of remote controller are usable. ■ Check whether the batteries are positioned correctly.
Operation does not start soon when I/O button is pressed after operation was stopped.		■ This is a way to protect the air conditioner. Please wait 3 minutes.
After operation terminates, the vane appears not to close completely.		■ Stepping motor could not find the RESET point, please restart the air conditioner and stop again.
Cooling and heating effect is not good.		■ Is temperature setting appropriate? ■ Are the air filters clean? ■ Are there any obstacles to block the inlets and outlets of the indoor and outdoor units? ■ Is sleep mode used during daytime? ■ Is the indoor fan speed set low? ■ Are doors and windows closed?
Air will not immediately blow out at the start of HEAT mode.		■ The air conditioner is ready to blow out enough warm air. Please wait.
The power supply may be suddenly cut off, when the power is normal again; the air conditioner will automatically resume the same mode operation as setting before power failure.		■ This is called auto-restart function and this function is only accessible for certain types of air conditioners with the function of auto-restart.

TROUBLE SHOOTING

Is there a fault?	Fault analysis
Indoor unit fan stops during heating. 	■ The air conditioner is deicing and it takes 10 minutes at most.(It freezes when outdoor temperature is low and humidity is high). It automatically resumes operation about 10 minutes later.
Issue cracking sounds. 	■ The friction sounds are caused by expansion and contraction of front grille resulting from temperature changes.
You can hear the sound of running water.	■ It is the sound of flowing refrigerant inside the air conditioner. ■ Sound of accumulated flowing water on the Heat-exchanger. ■ Sound of frost melting on the heat exchanger.
Indoor unit makes "bush" sound and click sound.	■ Click sound is made by the switching of the fan or compressor. ■ "Bush" sound is made by the switch of refrigerant flowing inside the air conditioner.
When the unit is set directional swinging at low angle on COOL mode: the deflector will may auto swing to its maximum angle for 3 minutes and then resume to swing at the low angle. 	■ This function prevents the production of condensed water and does not cause any worry.
Indoor unit gives outdoor. 	■ Air conditioner may have absorbed odors from wall, carpet, furniture and again blows out.
Outdoor unit leaks water. 	■ During cooling, connecting pipe or pipe connector will cause the moisture content condensation due to the low temperature. ■ During heating or defrosting, melting water and water vapor will run out. ■ During heating, water on heat exchanger will drop.

If you find one of the following symptoms, please turn the breaker off quickly and call our designated service shop nearest to you for help.

- The power cord is overheat or damaged.
- An abnormal sound is heard during operation.
- The safety breaker, fuse or the earth leakage breaker often cuts off the operation.
- Some switch or button often fails to work normally.
- The air conditioner gives out burning smell during operation.
- Water leaks from the indoor unit.

Model							
Power							
Rated cooling capacity(W)							
Rated heating capacity(W)							
Standard input power(W)	Cool						
	Heat pump						
	Aux-heat						
Standard input current(A)	Cool						
	Heat pump						
	Aux-heat						
Air flow volume(m^3/h)							
Dehumidifying capacity (L/h)							
Waterproof class		IP20(INDOOR) IP24(OUTDOOR)					
Protection class		I					
Climate type		T1					
Refrigerant(R22)charge amount(g)							
Noise(dB(A))	Indoor						
	Outdoor						
Net weight(kg)	Indoor						
	Outdoor						
Dimension WxHxD (mmxmmxmm)	Indoor						
	Outdoor						

NOTICE

1. The indicated noise parameter is measured in laboratories before leaving factory.

2. The rated cooling/heating capacity is tested under the following conditions:

Cooling operation	Indoor	27 (DB)	19 (WB)	Outdoor	35 (DB)	24 (WB)
Heating operation	Indoor	20 (DB)	15 (WB)	Outdoor	7 (DB)	6 (WB)

3. Due to the policy of constant development, we reserve the right to modify technical data without notice. While errors and omissions are a possibility, every reasonable effort has been made to ensure that the information in this manual is correct.

4.Operating temperature range:

	Maximum cooling	Minimum cooling	Maximum heating	Minimum heating
Indoor side DB/WB(°C)	32/23	21/15	27/--	20/--
Outdoor side DB/WB(°C)	43/26	21/15	24/18	-5/-6

5. Wiring diagram of air conditioner (indoor unit/outdoor unit) are attached to the indoor/ outdoor unit respectively.

6.If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

LIVE THE FUTURE

WARRANTY TERMS AND CONDITIONS

M/S. LLOYD ELECTRIC & ENGINEERING LTD., WARRANTS THIS **LLOYD** AIR CONDITIONERS (except front grill, knobs, remote unit & add-on plastic parts) TO THE ORIGINAL PURCHASER TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP WITHIN ONE YEAR FROM THE DATE OF PURCHASE AS PROVIDED IN THE WARRANTY REGISTERATION CARD :

LLOYD ELECTRIC & ENGINEERING LTD., HEREAFTER WARRANTS TO THE PURCHASER OF THIS **LLOYD** AIR CONDITIONERS THAT FOR A PERIOD OF SIXTY MONTHS FROM THE DATE OF INVOICE, WE WILL REPAIR/ REPLACE THE COMPRESSOR WHICH PROVES UPON INSPECTION BY US OR ANY OF OUR AUTHORISED SALES DEALERS TO HAVE BEEN DEFECTIVE DUE TO MANUFACTURING DEFECT.

This warranty is subject to terms and conditions as mentioned below:

1. This warranty shall be valid only for the said period of 12 months as specified above, irrespective of whether the said unit has been in use or not for any reason whatsoever , or the unit is moved from one location to another. Warranty does not cover accessories external to the equipment.
2. The warranty period specified above shall include time taken for repairs , replacements , break-downs, transit time etc. No notice of expiry period of warranty will be given by the company.
3. This warranty shall stand automatically terminated in the event of the said unit being serviced, repaired, installed, de-installed, re-installed or otherwise attended to by any person or organization or agency or by the said purchaser himself other than the authorized representative of the company.
4. Parts of the unit replaced or repaired under the terms of this warranty are warranted only for the remaining period of the original warranty period.
5. For attending any service call under this warranty beyond the municipal limits of the locality in which the authorized representative/dealer is situated (outstation locations), all to and fro travelling and other incidental expenses as prevailing from time to time incurred in connection with the visit of the service personnel , technicians, etc shall be borne by the said purchaser and shall be payable in advance. Additionally, all expenses incurred by the authorized representative /dealer in collecting the said unit or any part thereof from such outstation locations and its return to the original location shall be borne by the said purchaser.
6. Any loss of refrigerant caused due to sabotage, improper handling or treatment , carelessness, accident, fire, flood earthquake or any natural calamity any corrosive action on the original refrigerant pipes, fittings, valves etc for whatever reasons , shall not be covered under this warranty.
7. In the event of any change in the location of the unit during the warranty period, this warranty shall become null and void unless the fact of the proposed change is communicated in writing to the authorized dealer at least seven (7) days prior to the said change. On receipt of such information the authorized dealer or any of its counterparts shall arrange for de-installation of the said unit on chargeable basis. However, in the event of any damage occuring to the unit or to any of its parts during the course of its transit by the said purchaser, repair or replacement , the said unit or any part thereof damaged shall not be covered by this warranty.

8. It shall be the absolute discretion of the company to a) effect the repairs or replacement of parts whether at the site of installation or at any service centre , and b) have the job attended to either by the Company's service personnel or its authorised dealer .

9. This warranty is in the nature of and for the purpose of set forth herein above and in particular the Company shall not in any event be liable for direct, indirect, incidental or consequential loss or damages to either the said purchaser and /or his property or any other third party.

10. The Air Conditioners is designed to operate at a range (230V +/- 10%). Any failure due to operation of the machine beyond these limits will not be covered by the above warranty.

    Customer shall ensure that a stabilizer is installed in those areas where voltage is not available within the warranty range (230V +/- 10%) . The stabilizer should be of any reputed manufacturer, tested and recommended by the Company.

11. The purchaser should preserve the original invoice for necessary verification and produce , as and when required.

12. Warranty null and void if:
    i. The Air Conditioners is not purchased from the authorized dealers of the company.
    ii. The Service Centre copy of warranty card is not received within **7** days of date of purchase at the nearest Authorised Service Centre.
    iii. Any damage is caused by accident , mishandling, tampering with installation, or negligence in following instructions of the user manual issued by Company.
    iv. Any damage is caused by improper electrical circuit outside the unit or by any defective electrical supply .
    v. At any time, during the warranty period if any part of the unit is tampered with , altered, repaired or serviced by any unauthorized person, not being the authorized representative of the company or its authorized dealers .
    vi. The serial number of the unit or any part thereof is damaged , defaced, altered, obliterated , or tampered with or removal for any reason whatsoever.
    viii. The unit is unauthorisedly moved from its original place of installation or re-installation.

13. None of the employees and /or Authorized Dealers of the Company have any authority whatsoever to vary the terms and conditions of this warranty.

14. This warranty shall be deemed to have been issued at **Delhi** , and courts at **Delhi** shall have exclusive jurisdiction on matters covered by or following from this warranty, and the original purchaser alone shall have cause of action arising out of the transaction.

LLOYD ELECTRIC & ENGINEERING LTD.

Warranty Registration Card

Serial No.

Customer Copy

Customer Details

Title: Mr Ms Mrs M/s

Name:

Residence Address:

Dist: Pin:

State: Occupation:

Tel:(____) Res: (____) Fax:
Code Code

Mobile No: Email:

Product Details

Model No:

Serial No

Please Refer Sticker On Back Cover Of Your Product

Purchase Date
Day Month Year

Bill No.

Dealer's Name & Address

Signature

I Accept The Terms And Conditions of The Warranty

Customer Signature

Thank you for selecting a World Class product and we assure you that it will perform as per your expectations

We thank you for taking your time to complete this form. All Information Provided by You will be Kept Confidential.
(Please Fill In, Tear off, Fold and Mail this form to Reach us within 10 days of the Product Purchase.)

We welcome your Valuable Suggestions, if any, to Improve our Products and Services :

FOR OFFICE USE ONLY

Customer Code:

Branch:

Note: Company Will Not Be Responsible For The Loss Of This Form During Transit.

LLOYD ELECTRIC & ENGINEERING LTD.

LLOYD ELECTRIC & ENGINEERING LTD.

Warranty Registration Card

Serial No.

Service Centre Copy

Customer Details

Title: Mr Ms Mrs M/s

Name:

Residence Address:

Dist: Pin:

State: Occupation:

Tel:(____) Code Res: (____) Code Fax:

Mobile No: Email:

Product Details

Model No:

Serial No

Please Refer Sticker On Back Cover Of Your Product

Purchase Date Day Month Year

Bill No.

Dealer's Name & Address

Signature

I Accept The Terms And Conditions of The Warranty

Customer Signature

Thank you for selecting a World Class product and we assure you that it will perform as per your expectations

We thank you for taking your time to complete this form. All Information Provided by You will be Kept Confidential.

(Please Fill In, Tear off, Fold and Mail this form to Reach us within 10 days of the Product Purchase.)

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LLOYD ELECTRIC & ENGINEERING LTD.

LIVE THE FUTURE

LLOYD ELECTRIC & ENGINEERING LIMITED

159, Okhla Industrial Estate Phase-III, New Delhi - 110020

Correspondence Address

Plot-2, Industrial Area, Kalkaji, New Delhi - 110019

Email: perfectservice@lloydmail.com

Customer Care Toll Free No.

Gujarat, Madhya Pradesh:1800-2582-583 | Punjab,Haryana,Himachal Pradesh, J&K: 1800-1377-781
Maharashtra,Chattisgarh,Goa:1800-1024-212 | South India:1800-1200-666 | Rest of India:1800-1020-666